What is claimed is:

1	1. A method for use in a database system, comprising:			
2	defining a user-defined data type (UDT) with code according to an			
3	interpreted programming language; and			
4	storing a table containing at least one attribute according to the user-			
5	defined data type.			
1	2. The method of claim 1, further comprising defining a user-defined metho			
2.	(UDM) associated with the UDT with code according to the interpreted programming			
3	language.			
:				
1	3. The method of claim 2, further comprising executing the UDM with an			
2.	interpreter.			
1	4. The method of claim 3, wherein executing the UDM with the interpreter			
2	comprises executing the UDM with a virtual machine.			
1	5. The method of claim 4, wherein executing the UDM with the virtual			
2	machine comprises executing the UDM with a JAVA virtual machine.			
1	6. The method of claim 1, wherein defining the UDT with code according to			
2	the interpreted programming language comprises defining the UDT with code according			
3	to one of JAVA and C#.			
1	7. The method of claim 1, further comprising receiving a Structured Query			
2	Language (SQL) statement to create the UDT, the SQL statement specifying a file			
3	containing the code according to the interpreted programming language.			
1	8. The method of claim 7, further comprising declaring a user-defined			
2	method (UDM) in the statement to create the UDT.			

1	9. The method of claim 8, 10	ther comprising receiving a second SQL	
2	statement to create the UDM, wherein the second SQL statement specifies a file		
3	containing code to define the UDM, the code according to the interpreted programming		
4	language.		
1	10. The method of claim 1, fur	ther comprising:	
2	providing an interpreted pr	ogramming language virtual machine to	
3	provide a container for the UDT; and		
4	executing a routine to esta	olish a connection from a database in the	
5	database system to the virtual machine.		
1	11. The method of claim 10, f	urther comprising providing an interface	
2	between the database and the virtual mach	nine.	
1.	12. The method of claim 11, w	herein providing the interface comprises	
2	providing a JAVA native interface.		
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1	13. The method of claim 10, f	urther comprising receiving a Structured Query	
2	Language (SQL) statement to create the U	Language (SQL) statement to create the UDT.	
1	14. An article including at least	st one storage medium containing instructions	
2	that when executed cause a database system to:		
3	define a user-defined data	type (UDT) with code according to an	
4	interpreted programming language; and		
5	store a table containing at	least one attribute according to the user-defined	
6			
1	15. The article of claim 14, wh	erein the instructions when executed cause the	
2	database system to define a user-defined method (UDM) associated with the UDT with		
3	code according to the interpreted programming language.		

16. The article of claim 15, wherein the instructions when executed cause the 2 database system to execute the UDM on an interpreted programming language virtual 3 machine. 17. 1 The article of claim 14, wherein defining the UDT with code according to 2 the interpreted programming language comprises defining the UDT with code according 3 to one of JAVA and C#. 1 The article of claim 14, wherein the instructions when executed cause the database system to receive a Structured Query Language (SQL) statement to create the 2 3. UDT, the SQL statement specifying a file containing the code according to the interpreted programming language. 19. The article of claim 18, wherein the instructions when executed cause the 2 database system to declare a user-defined method (UDM) in the statement to create the UDT. 3 1 20. The article of claim 19, wherein the instructions when executed cause the database system to receive a second SQL statement to create the UDM, wherein the 2 3 second statement specifies a file containing code to define the UDM, the code according 4 to the interpreted programming language. 1 21. A database system comprising: 2 a storage to store code according to an interpreted programming language; 3 and 4 a controller to receive a database query to create a user defined data type 5 (UDT), the database query containing a clause identifying a storage location of the code 6 according to the interpreted programming language. 22. The database system of claim 21, wherein the code comprises JAVA 1

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bytecode.

- 1 23. The database system of claim 21, wherein the code comprises code corresponding to the C# language.
- 1 24. The database system of claim 21, further comprising an interpreter to 2 execute the code according to the interpreted programming language.
- The database system of claim 24, the storage to store second code according to the interpreted programming language, and the controller to further receive a second database query to create a user-defined method (UDM) associated with the UDT, the second database query identifying a location of the second code.
- The database system of claim 25, the interpreter to execute the second code.
- 1 27. The database system of claim 26, wherein the interpreter comprises a virtual machine.
- 1 28. The database system of claim 21, the storage to further store a table 2 containing an attribute according to the UDT.